

HIROSHIMA MATHEMATICAL JOURNAL

Formerly

JOURNAL OF SCIENCE OF THE HIROSHIMA UNIVERSITY, SERIES A-I (MATHEMATICS)

VOLUME 10

1980

PUBLISHED BY

DEPARTMENT OF MATHEMATICS
FACULTY OF SCIENCE
HIROSHIMA UNIVERSITY
HIROSHIMA, JAPAN

TABLE OF CONTENTS

VOLUME 10, 1980

AMAYO, R. K. and J. SCHWARZ:	Modularity in Lie algebras	311
ANDERSON, D. D.:	Global transforms and Noetherian pairs	69
BUI HUY QUI:	Remark on the dual of some Lipschitz spaces	163
DAMLAMIAN, A. et N. KENMOCHI:	Le problème de Stefan avec conditions latérales variables	271
EGUCHI, M., K. KUMAHARA and Y. MUTA:	A subspace of Schwartz space on motion groups	691
ELIAS, U. and K. KREITH:	Nonlinear differential systems with monotone solutions	553
ESSÉN, M. and H. L. JACKSON:	On the covering properties of certain exceptional sets in a half-space	233
FUJII, K.:	<i>J</i> -groups of lens spaces modulo powers of two	659
FUJII, K. and M. SUGAWARA:	The order of the canonical element in the <i>J</i> -group of the lens space	369
FUJITA, K. and S. ITOH:	A note on noetherian Hilbert rings	153
HIRANO, Y.:	Correction to "On Fitting's lemma"	699
INOUE, T.:	Unitary representations and kernel functions associated with boundaries of a bounded symmetric domain	75
ITOH, S.:	<i>Z</i> -transforms and noetherian pairs	375
ITOH, S.:	<i>Z</i> -transforms and overrings of a noetherian ring	635
ITOH, S.:	<i>See</i> FUJITA, K.	153
JACKSON, H. L.:	<i>See</i> ESSÉN, M.	233
KAWAMOTO, N.:	A note on Gruenberg algebras.....	185
KENMOCHI, N.:	<i>See</i> DAMLAMIAN, A.	271
KNAPP, A. W. and G. ZUCKERMAN:	Multiplicity one fails for \mathfrak{p} -adic unitary principal series	295
KOBAYASHI, K.:	On some semilinear evolution equations with time-lag	189

KOWATA, A. and M. TANAKA: Global solvability of the Laplace operator on a non-compact affine symmetric space	409
KREITH, K. and T. KUSANO: Extremal solutions of general nonlinear differential equations	141
KREITH, K.: <i>See</i> ELIAS, U.	553
KUMAHARA, K.: <i>See</i> EGUCHI, M.	691
KUSANO, T.: <i>See</i> KREITH, K.	141
KUSANO, T.: <i>See</i> SINGH, B.	557
McCANN, R. C.: On the oscillation of solutions of forced even order nonlinear differential equations	263
MIYAKAWA, T.: The L^p approach to the Navier-Stokes equations with the Neumann boundary condition	517
MIZUMOTO, H.: A finite-difference method on a Riemannian manifold	11
MIZUTA, Y.: Existence of non-tangential limits of solutions of non-linear Laplace equation	365
MIZUTA, Y.: Continuity of contractions in a functional Banach space ...	381
MIZUTA, Y.: On the behavior at infinity of Green potentials in a half space	607
MUTA, Y.: <i>See</i> EGUCHI, M.	691
NOGUCHI, J.: Supplement to "Holomorphic curves in algebraic varieties"	229
OOISHI, A.: Openness of loci, P-excellent rings and modules	419
SAKAGUCHI, M.: Generalized Cohen-Macaulay modules	615
SCHWARZ, J.: <i>See</i> AMAYO, R. K.	311
SHINTANI, H.: On errors in the numerical solution of ordinary differential equations by step-by-step methods	469
SINGH, B.: Necessary and sufficient condition for eventual decay of oscillations in general functional equations with delays	1
SINGH, B. and T. KUSANO: On asymptotic limits of nonoscillations in functional equations with retarded arguments	557
STAIKOS, V. A.: Basic results on oscillation for differential equations with deviating arguments	495

SUGAWARA, M. : <i>See</i> FUJII, K.	369
TAKAHASHI, T. : Semigroups of nonlinear operators and invariant sets	55
.....	
TANAKA, K. : Asymptotic analysis of odd order ordinary differential equations	391
TANAKA, M. : <i>See</i> KOWATA, A.	409
TÔGÔ, S. : Weakly ascendant subalgebras of Lie algebras	175
TÔGÔ, S. : Subnormality and ascendancy in groups	597
TSUKADA, E. : Invariant sequences in Brown-Peterson homology and some applications	385
TSUNO, Y. : Localization of differential operators and holomorphic continuation of the solutions	539
UESU, K. : Scalar curvatures of left invariant metrics on some Lie groups	323
.....	
YAMADA, N. : Estimates on the support of solutions of parabolic variational inequalities in bounded cylindrical domains	337
YAMAMOTO, H. : On null sets for extremal distances of order 2 and harmonic functions	437
YANAGIHARA, H. : On glueings of prime ideals	351
YOSHIDA, M. : Euler integral transformations of hypergeometric functions of two variables	329
YOSHIDA, T. : Wu classes and unoriented bordism classes of certain manifolds	567
ZUCKERMAN, G. : <i>See</i> KNAPP, A. W.	295

CONTENTS

	PAGE
V. A. STAIKOS: Basic results on oscillation for differential equations with deviating arguments	495
T. MIYAKAWA: The L^p approach to the Navier-Stokes equations with the Neumann boundary condition	517
Y. TSUNO: Localization of differential operators and holomorphic continuation of the solutions	539
U. ELIAS and K. KREITH: Nonlinear differential systems with monotone solutions	553
B. SINGH and T. KUSANO: On asymptotic limits of nonoscillations in functional equations with retarded arguments	557
T. YOSHIDA: Wu classes and unoriented bordism classes of certain manifolds	567
S. TÔGÔ: Subnormality and ascendancy in groups	597
Y. MIZUTA: On the behavior at infinity of Green potentials in a half space	607
M. SAKAGUCHI: Generalized Cohen-Macaulay modules	615
S. ITOH: Z -transforms and overrings of a noetherian ring	635
K. FUJII: J -groups of lens spaces modulo powers of two	659
M. EGUCHI, K. KUMAHARA and Y. MUTA: A subspace of Schwartz space on motion groups	691
Y. HIRANO: Correction to “On Fitting’s lemma”	699